


PRODUCTION OF OXYGEN-RICH GAS

Publication number: JP6234505 (A)

Also published as:

Publication date: 1994-08-23

 JP2765671 (B2)

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Classification:

- **international:** *B01D53/22; B01D53/26; C01B13/02; B01D53/22; B01D53/26; C01B13/02*; (IPC1-7): B01D53/22; B01D53/26; C01B13/02

- **European:** C01B13/02

Application number: JP19930021370 19930209

Priority number(s): JP19930021370 19930209

Abstract of JP 6234505 (A)

PURPOSE:To effectively produce dry oxygen-rich gas from gas contg. at least oxygen, nitrogen and moisture, such as air by using a hollow fiber separation membrane. **CONSTITUTION:**Gas contg. at least oxygen, nitrogen and moisture is fed into a dehumidifying device incorporating a separation module consisting of a bundle of hollow fiber membranes to remove the moisture in the gas. Next, the dry gas is fed into an oxygen enrichment device incorporating a separation membrane module and the dry oxygen-rich gas is recovered from the permeated side and also the dry gas contg. unpermeated nitrogen is used for the removal of the moisture in the dehumidifying device.

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